

Pipette Calibration Worksheet

Date: 12/09/11

Pipette Model: Gilson Pipetman

ID or Serial Number: L29072H

Actual Pipette Range (μL): 1000

Actual Water Temperature ($^{\circ}\text{C}$): 21

Pass or Fail Inspection for tip Leak: Pass (If Fail, Stop and perform Maintenance).

Date and Maintenance performed: _____

Volume Tested	100 μL	500 μL
Acceptance Range:	0.0970 - 0.1030 g	0.4960 - 0.5040 g
Rep 1	0.1028 g	0.4999 g
Rep 2	0.1003 g	0.5037 g
Rep 3	0.1000 g	0.4974 g
Rep 4	0.1002 g	0.4968 g
Rep 5	0.0997 g	0.4974 g
Average	0.1006	0.4990
SD	0.0013	0.0029
%CV	1.2435	0.5743
Tolerance Specific: <u>$\leq 3\%$</u>		

Analyst: DXF

TEMPERATURE (oC)	DENSITY (g/mL)
20	0.998234
21	0.998022
22	0.997801
23	0.997569
24	0.997327
25	0.997075
26	0.996814
27	0.996544
28	0.996264

1000 μ L

0.0992 - 1.0080 g

0.9642	g
0.9747	g
0.9714	g
0.9700	g
0.9680	g

0.9697

0.0039

0.4031